Employee data analysis using excel

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Project Title

EMPLOYEE SALARY ANALYSIS USING EXCEL

Agenda

- PROBLEM STATEMENT
- PROJECT OVERVIEW
- WHO ARE THE END USERS
- OUR SOLUTION AND ITS VALUE PROPOSITION
- DATASET DESCRIPTION
- THE "WOW" IN OUR SOLUTION
- MODELLING
- RESULT
- CONCLUSION

Problem statement

SALARY ANALYSIS IS DONE TO EVALUATE AND UNDERSTAND VARIOUS ASPECTS OF EMPLOYEE COMPENSATION WITHIN THE ORGANISATION. FAIR COMPENSATION, MARKET COMPETITIVENESS, BUDGET MANAGEMENT ARE SOME OF THE KEY REASONS WHY SALARY ANALYSIS IS CONDUCTED

Project overview

SALARY ANALYSIS IS MADE USING EMPLOYEE ID, DEPARTMENT, SALARY LEVEL, EMPLOYEE TYPE , WORK LOCATION AND WORKING DAYS.

Who are the end users?
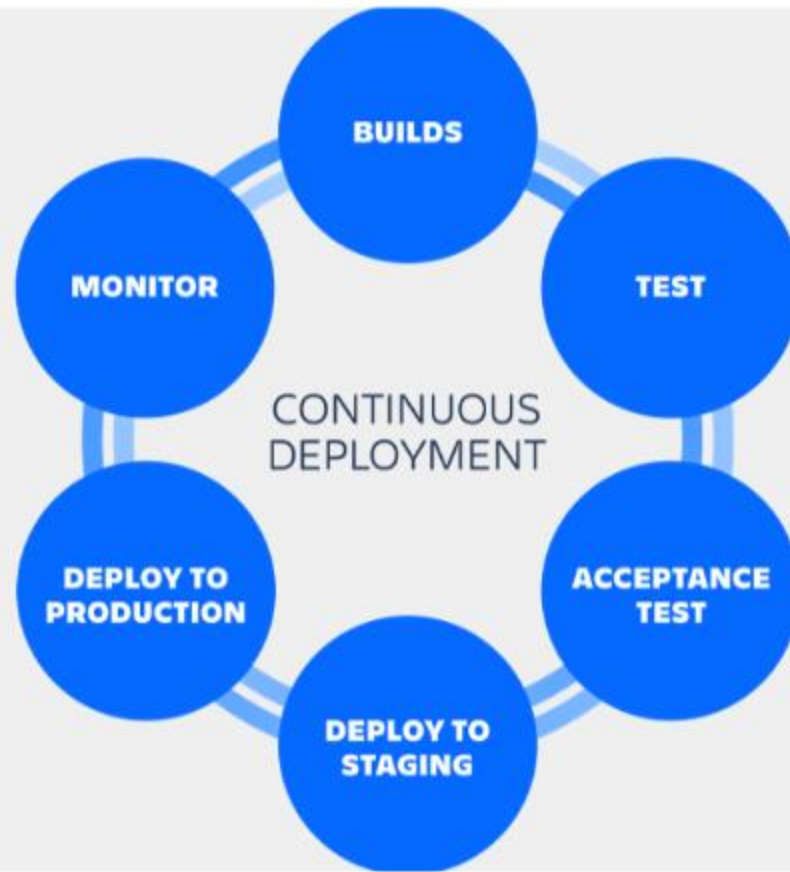
Our solution and its value proposition

➤ CONDITIONAL FORMATTING: IT IS A EXCEL FEATURE THAT IS USED TO APPLY SPECIFIC FORMATTING TO CELLS OR RANGE OF CELLS IN CERTAIN CRITERIA.

➤ SORT & FILTER: IT HELPS TO ORGANIZE AND ANALYSE DATA MORE EFFECTIVELY.

➤ PIVOT TABLE: IT IS USED TO SUMMARIZE AND ANALYSE THE DATA.

➤ CHART: IT IS USED TO REPRESENT THE DATA IN VISUALISATION.

Dataset description

- EMPLOYEE DATASET: IT IS OBTAINED FROM THE EDUNET DASHBOARD.

- IT HAS 11 FEATURES.

- I HAVE TAKEN 5 FEATURES

  - ✓ Employee id: Numerical value
  - ✓ Name: Text type
  - ✓ Gender: Text type
  - ✓ Salary: Numerical values
  - ✓ Start date: Numerical value

The "WOW" in our solution

➤ WE USED THE FORMULA FOR SALARY ANALYSIS:

= IFS(Z8>=5,"VERYHIGH",Z8>=,"HIGH",Z8>=3,"MED",TRUE,"LOW")

Modelling

DATA COLLECTION

➤ This data is collected from naan mudhalvan edunet dashboard

FEATURE SELECTION

➤ It has 11 features

➤ I took 5 features for analysis.

DATA CLEANING

➤ Conditional formatting: It is used to apply specific formatting to cells or range of cells in certain criteria.

➤ Sort & filter: It helps to organize and analyse data more effectively.

PIVOT TABLE   CHART   SALARY LEVEL

PIVOT TABLE	CHART	SALARY LEVEL
➢ Employee id	➢ Employee id	➢ Very High
➢ Name	➢ Salary	➢ High
➢ Gender	➢ Salary level	➢ Medium
➢ Salary		➢ Low
➢ Salary level		
➢ Start date		
➢ Employee type		

Result
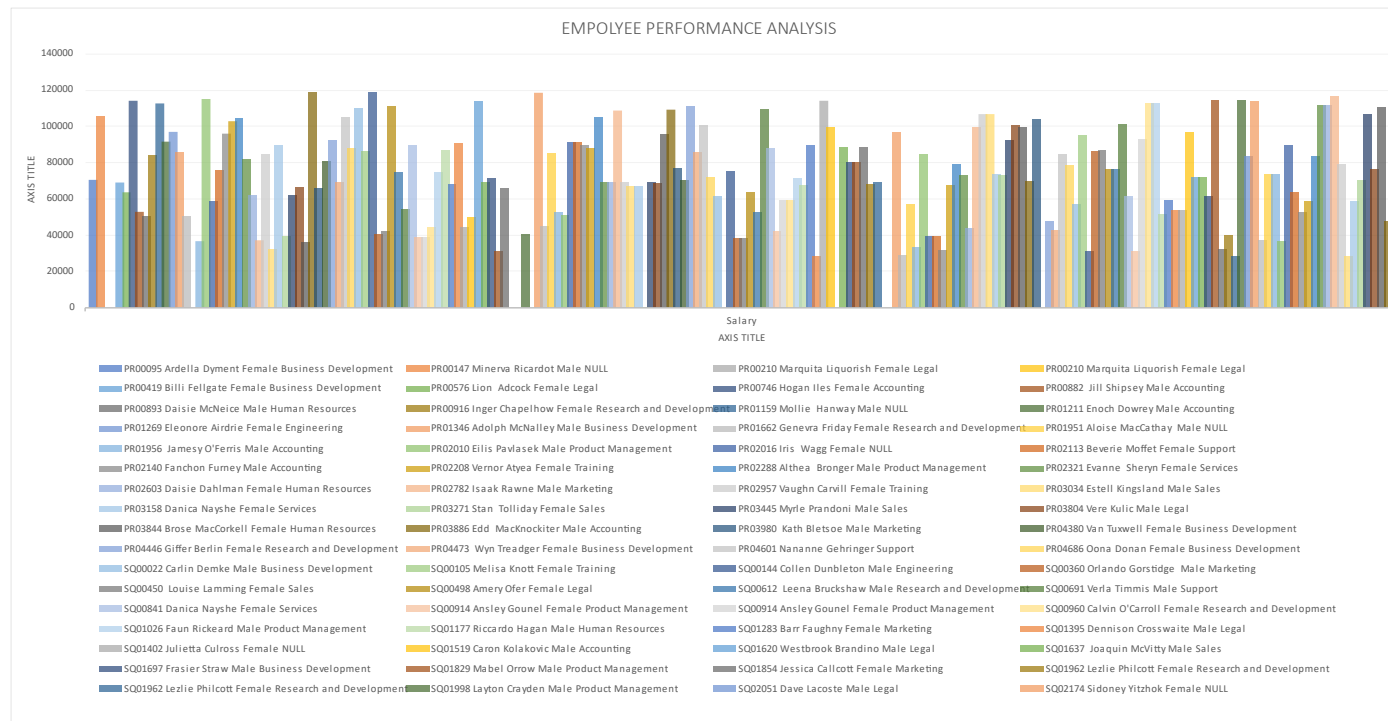
Conclusion

BY THIS PROJECT I LEARNT ABOUT SORTING & FILTER, CONDITIONAL FORMATTING, REMOVING NULL VALUES, PIVOT TABLE, INSERTING CHARTS AND ALSO SALARY ANALYSIS.